

# the folio

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## The Henry Marshall Tory Building

Construction has begun on the Henry Marshall Tory Building for the Social Sciences. Scheduled to be completed by the fall of 1966, this \$5,900,000 structure will be located directly east of the Agriculture and Biological Sciences Building at the corner of Saskatchewan Drive and 112 Street.



- as seen from 112th Street

The Tory Building will be the tallest on campus. In keeping with the Education Building, the 15 storey central tower will house offices and seminar rooms. The two wings will contain some 40 classrooms and an equal number of laboratories. The lecture theatre, adjoining the main building by means of an underground tunnel, will house a lecture room for 500, another for 300, and two for 250. The building complex will be finished in limestone and red brick.

The departments which will be permanently housed in the building are geography, political science, economics, and sociology. Until new buildings are constructed by 1970, the departments of history and philosophy and the Faculty of Business Administration and Commerce will be housed there also. The Arts Building will remain intact for modern languages and classics. As a temporary measure, English will remain in Assiniboia Hall.



- from Saskatchewan Drive



- from the Arts Building lawn

# faculty notes

## chemistry

DR. W. A. AYER, Associate Professor of Chemistry, has been named an Alfred P. Sloan Research Fellow. Beginning Sept. 1, 1965, he will receive \$7,000 per annum for two years, after which the grant is renewable for two



A. W. AYER

years. These funds will be used to support graduate students and post-doctoral fellows who will assist him in his research, for equipment, and for travel to scientific meetings.

Dr. Ayer was awarded the Fellowship in recognition of the outstanding work he has carried out on naturally occurring organic compounds, especially those occurring in plants. He is concerned with isolating the compound, observing the structure of atoms, and synthesizing the plant constituents. He is especially concerned with plants which have physiologically active compounds. He is also interested in extending physicochemical methods to problems in structural and synthetic organic chemistry.

Recipients of these research fellowships were selected from chemistry, mathematics, and physics departments at 52 universities and colleges. Dr. Ayer was one of two scientists from Canadian universities to receive the award. He is a Fellow of the Chemical Institute of Canada and has taught at the University of Alberta since 1958.

DR. H. E. GUNNING, Professor and Head of the Department of Chemistry, was invited by the College of Science of Pennsylvania State University to give the Glidden Company Lecture in Chemistry during mid-March. His topic was "Recent Studies on the Reactions of Singlet and Triplet Sulphur Atoms with Olefins and Paraffins." He completed his eastern tour by visiting State University in Syracuse, New York, and the Division of Pure Chemistry at the National Research Council in Ottawa where he spoke on "Sulphur Atom Reactions."



(Karsh)

R. U. LEMIEUX

Canadian scientists arranged under an agreement between the British Council and the Chemical Institute of Canada. His lecture tour will take him to: Imperial College, Royal Holloway College, and Birbeck College, all of London, and the Universities of Birmingham, Newcastle upon Tyne, Leeds, Queens, Manchester, Cardiff, Bristol, Exeter, Oxford, Cambridge, and the Royal Free Hospital School of Medicine.

DR. R. U. LEMIEUX, Professor and world-renowned carbohydrate chemist, has been invited by the British Council to conduct a lecture tour of the British Isles during the month of May. His tour is one of the exchange visits for British and

Canadian scientists arranged under an agreement between the British Council and the Chemical Institute of Canada.

## sociology

The age of leisure is here. The work week is shorter. Vacations are longer. The trend toward earlier retirement is growing. Automation, cybernation, and the population explosion will further reduce work time and increase free time.

These are facts which have been widely discussed by educators, industrial executives, labour leaders and government officials - as recently as last June when the University sponsored an international conference on "Education and Productive Society." Delegates asked what will happen when the gap between work and sleep widens even more. What significance has the trend toward more leisure for the individual, for the family, for the economy, for society? Will it be a period of mass boredom or mass escapism? Or will it be a period in which people will use leisure creatively to develop their own infinitely diverse interests? Conclusive answers do not exist.

The implications, however, of this new era are great. Recognizing this, the Department of Sociology and Anthropology is offering for the first time in Canada a course on "The Sociology of Leisure" during the 1965-66 academic term. In this course the types of leisure - art, games, sports, sociability, travel, participatory and receptive entertainment - will be explored as they relate to personality, family, minority groups, community, religion, work, government, education, and value systems. The course will be taught by DR. H. W. LUNGSTRASS, Assistant Professor of Sociology.

The course is designed not only for students in Sociology but for those in Education, Business Administration and Commerce, Economics, Political Science, and Physical Education. Graduate students will also be encouraged to initiate and carry on advanced study and research in this vital field.

## medicine

The National Cancer Institute of Canada has awarded grants totalling \$210,485 to the University. A block grant of \$146,000 will be used by the McEachern Cancer Research Laboratory for the continuation of basic research into the biochemistry of cancer. It will be divided among biochemistry research groups headed by DR. A. R. P. PATERSON, Professor and Head of the McEachern Lab., DR. ALEXANDER HAMPTON, DR. J. F. HENDERSON, and DR. TAIKI TAMAOKI. The balance of the grants will be used for cancer research within the Faculty of Medicine by DR. J. S. COLTER, Head of the Department of Biochemistry; DR. C. M. COUVES, Associate Professor of Surgery; DR. R. A. L. MACBETH, Head of the Department of Surgery; and DR. WILLIAM PARANCHYCH, Assistant Professor of Biochemistry.

## agricultural economics

A pasture research grant totalling \$43,700 has been awarded the Department of Agricultural Economics by the A. R. D. A. The purpose of the two year grant, according to DR. H. C. LOVE, Project Director, is to examine the costs and possible



H. C. LOVE

benefits of improving public lands for increased grazing capacity in Alberta.

The pressure on grazing lands in the Province is rising. During the ten year period 1951-61, the number of head of grazing livestock in Alberta increased by 55 percent. During this same period, however, grazing land acreage increased by only 11.4 percent. The problem is further complicated by the fact that with population increases, Canadians eat more beef annually.

The study will involve two phases, the first examining pasture problems from the farmer's point of view, and the second providing provincial administrators with the information needed to allocate funds for the development of grazing areas.

Dr. Wayne Fuller of Iowa State University, an internationally famous statistician, will visit the University of Alberta during the week of March 27th to assist with the planning of this project.



G. R. WINTER

will be investigating such areas as the setting of food prices by firms, or consumer satisfaction with the food product. For 4 months during the summer he will be in Ottawa visiting various civil service departments where information is available on judicial investigations into the food industry. He will also visit head offices of food industry firms and discuss business conduct with them.

DR. G. R. WINTER, Associate Professor of Agricultural Economics, has been awarded a \$4,500 research grant from the Agricultural Economics Research Council of Canada to study market conduct in the food industry. He

## physical education

The newly appointed Western Canadian basketball representative for the People-To-People Sports Committee Inc., a committee set up and chaired by Dwight D. Eisenhower, is ED ZEMRAU, Director of Inter-Collegiate Athletics and Administrative Assistant to the Faculty of Physical Education. Mr. Zemrau will be involved in promoting exchange trips among basketball teams from the United States and Canada. He is currently making arrangements to bring two top American University teams to Edmonton next season and expects that the continued competition with the American teams will help to improve the calibre of basketball in Western Canada.

## board of governors executive committee meeting

The following appointments, resignations, leaves of absence, etc., were approved by the Executive Committee of the Board of Governors at their meeting, March 19, 1965.

### APPOINTMENTS:

**ANTHROPOLOGY:** Mrs. Ruth Bryan, Assistant Professor, effective May 16/65.

**CHEMISTRY:** Hanns-Dietmar Härtl, Postdoctoral Fellow, Feb. 21 to Aug. 31/65; R. M. Haynes, Postdoctoral Fellow for 8 months, effective April 1/65; Dr. John Hooz, Assistant Professor, effective Sept. 1/65; Masahiko Kato, Postdoctoral Fellow for 1 year effective Jan. 15/65; G. L. Malhi, Annual Assistant Professor, effective July 1/65.

**CLASSICS:** Dr. R. C. Smith, Jr., Assistant Professor, effective Sept. 1/65.

**DENTISTRY:** Dr. O. N. Lucas, Assistant Professor, effective April 1/65.

**EDUCATIONAL FOUNDATIONS:** N. C. Battacharyya, Associate Professor, effective Sept. 1/65.

**EDUCATION LIBRARY:** M. L. Sharma, Librarian, effective June 15/65.

**EDUCATIONAL PSYCHOLOGY:** Dr. F. J. Boersma, Assistant Professor, effective Sept. 1/65.

**ENGLISH:** J. F. Lauber, Assistant Professor, effective July 1/65.

**GEOLOGY:** J. A. Westgate, Assistant Professor, effective Sept. 1/65.

**HISTORY:** Effective Sept. 1/65, Dr. Quentin Griffiths, Assistant Professor; R. R. Hett, Assistant Professor.

**MATHEMATICS:** Effective Sept. 1/65, C. S. Hoo, Assistant Professor; Dr. Amram Meir, Associate Professor.

**PAEDIATRICS:** Lois Stayura, Geographic Assistant Professor, effective Sept. 1/65.

**PATHOLOGY:** Miss J. I. Matheson, Assistant Professor and Coordinator of the Me-

dical Laboratory Science Program, effective April 1/65; Dr. A. H. Mehregan, Assistant Professor, effective July 1/65.

**PHYSICAL EDUCATION:** Mrs. D. J. Harris, Lecturer, effective Sept. 1/65.

**PHYSICS:** Michael Der Sarkissian, Part-time Instructor and Postdoctoral Fellow, Theoretical Physics Institute, effective Sept. 1/65; R. K. Pathria, Visiting Associate Professor for 1 year, effective Aug. 1/65. Dr. Gerald Roy, Assistant Professor, effective Sept. 1/65.

**POLITICAL SCIENCE:** Jurij Borys, Visiting Professor for one year, effective July 1/65.

**ROMANCE LANGUAGES:** Eugene Dorfman, Associate Professor, effective Sept. 1/65.

**SOCIOLOGY:** Effective Sept. 1/65, J. C. Hackler, Assistant Professor; R. G. Jones, Associate Professor; R. M. Pike, Assistant Professor.

**ZOOLOGY:** Mrs. Jeanne Altmann, Research Associate, effective April 1/65; Dr. J. S. Hayward, Assistant Professor, effective Sept. 1/65.

### RE-APPOINTMENTS:

**AGRICULTURAL ECONOMICS:** Dr. W. M. Schultz, Research Associate for one year, effective Sept. 1/65.

**CIVIL ENGINEERING:** A. J. M. Aikman, Sessional Lecturer for 8 months, effective Sept. 1/65.

**NURSING:** Miss S. M. Stinson, Assistant Professor, effective Sept. 1/65.

**SECONDARY EDUCATION:** L. S. Dawson, Special Lecturer for one year, effective Sept. 1/65.

### PROMOTION:

**ECONOMICS:** G. K. Goundry to Full Professor, effective April 1/65.

### RESIGNATIONS:

**ENGLISH:** Miss Frances Frazer, Assistant Professor, effective Aug. 31/65.

**HOUSEHOLD ECONOMICS:** Miss Corinne Greschuk, Lecturer, effective June 30/65.

**PHYSICAL EDUCATION:** Effective Aug. 31, 1965, Mrs. D. K. Enger, Instructor; Mrs. J. I. Mahan, Instructor.

### LEAVE OF ABSENCE:

**HISTORY:** W. J. Jones, Assistant Professor for one year, effective Sept. 1/65.

### APPOINTMENTS WITHOUT DEFINITE TERM:

**ENGLISH:** R. F. Anderson, Assistant Professor; R. D. M. Mathews, Assistant Professor; J. O. Orrell, Assistant Professor; Mrs. Sheila Watson, Assistant Professor.

### CHANGES IN TERMS OF APPOINTMENTS:

**BIOMEDICAL ENGINEERING:** Dr. R. G. Black, Associate Professor, effective July 1/65 instead of 1964. Biomedical Engineering is a new area of scientific activity on this campus. It involves a study of the mechanics of body functions, especially in the fields of such organs as the heart, the lungs, and the kidneys, in order to perfect mechanical substitutes to take over in the failure of human organisms. It provides training whereby medical personnel can obtain a background and understanding in engineering and engineers likewise obtain a background and understanding of biology and medicine. Dr. Black, who has the B. A. Sc. degree (Electrical Engineering) and the M. D. degree from the University of Toronto, has been appointed to set up a Biomedical Engineering Unit at the University of Alberta. He comes here from the University of Washington at Seattle where he has been working on his M. Sc. in Physiology.

## ex-chancellor dies

A former Chancellor of the University, MR. JUSTICE FRANK FORD, has died in Edmonton at the age of 92. Mr. Justice Ford succeeded Dr. A. C. Rutherford in 1941 and held the position until his retirement in 1946.



FRANK FORD

He retired from the Appellate Division of the Supreme Court of Alberta in 1954 after serving 28 years as a member of the judiciary. He was one of the few members of the legal profession to be named King's Council in three provinces - Ontario, Saskatchewan, and Alberta.

## canada council grants

The Canada Council has awarded two research grants, each worth \$4,500 plus travelling expenses, to DR. B. R. BOCIURKIW, Associate Professor of Political Science, and to DR. J. R. ROYCE, Head of the Department of Psychology. Dr. Bociurkiw will carry out a study on Leninism and religion during his sabbatical leave next year in London. Dr. Royce will carry out his studies primarily in Britain (London and Edinburgh) and Scandinavia (Oslo and Stockholm) on "Primary Interns of Theoretical Psychology" (factor analysis, mathematical psychology, and behavior genetics).

## classified

**HOUSE FOR RENT:** Old but comfortable one and a half storey, three bedroom home with den, spacious kitchen, wood fireplace, landscaped and with heated garage, available semi-furnished (including washer and dryer) at reasonable rent, from July 15 for one year while owner on sabbatical leave, 10303-121 Street. Phone HU8-6181 or local 427.

**NEW YORK APARTMENT:** Furnished New York Apartment available July and August at \$158 per month. Contact alumnus, Mrs. Harold Baldrige, Apt. 2B, 94-30 - 60 Ave., Elmhurst 73, New York.



## calendar of events, april 1st to 15th

April 1 - The Sociology and Anthropology Department will sponsor Mr. Borys Malkin, who will present a public illustrated slide lecture on "Indians of the Tropical Forests of South America," 8:00 p.m., Room V129, Math-Physics Building.

Dr. C. W. Churchman, Professor of Business Administration and Associate Director of Space Sciences Laboratory, University of California, Berkeley, will speak on "Ethics of Systems Design," Rm. 129, Education Building, 8 p.m.

Bookstore closed all day for stocktaking.

April 2 - Board of Governors Meeting - Calgary.

The annual meeting of the Western Canadian Theatre Conference which continues through to April 4th, features guest speakers including Theodore Hoffman of the Ford Foundation, panels, discussions, and experimental productions and demonstrations. The meeting, sponsored by the Drama Department, centres on the theme "Educational Theatre and the Profession."

TGIF Night at the Faculty Club, 4 - 6 p.m.

Dr. Andrew Stewart, former President of the University of Alberta, will speak on "Education and Broadcasting" at a dinner meeting of the Agricultural Economics Club, Seven Seas Dining Room at 6 p.m. Admission \$2.50 by reservation at ext. 545.

April 5 - Dr. Philip E. Vernon, Professor of Psychology, University of London, will address the Faculty of Education staff, graduate students, and others on "Environmental Influences and Mental Development," Rm. 129, Education Building. Professor Vernon is currently engaged in a five-year research project on this topic in a variety of cultures around the world and has just completed a data collection on samples of Canadian Eskimos and Indians.

April 7 - Of interest to staff of all biological departments in the Faculties of Science, Agriculture, and Medicine, will be a lecture by Dr. Stuart Altmann, Assistant Professor of Zoology, who will speak on "A Baboon Society," Rm. 345, Agriculture and Biological Sciences Building, at 4:30 p.m.

April 8 - Dr. David Krech of the Psychology Department, University of California, Berkeley, will speak on "Changing the Brain's Chemistry and Structure through Training and Experience," Rm. V120, Math-Physics Building, at 4 p.m.

Professor George Woodcock of the Department of English at U.B.C. will speak at the meeting of the Humanities Association and the Philosophical Society on "The Literature of Rebellion," 8:15 p.m., Rm. 104, Medical Sciences Building, open.

April 9 - TGIF Night at the Faculty Club, 4 - 6 p.m.

April 10

-14 - The Department of Psychology will present a Spring Conference at the Banff School of Fine Arts. Discussion at the Conference will concern the means by which psychology can move toward comprehensive theoretical statements on behavior. The Conference represents the first major function of the proposed Centre for Advanced study in Theoretical Psychology at the University of Alberta. Besides key speakers from the University of Alberta, faculty members from the Universities of Cornell, Washington, Michigan State, Saskatchewan, Illinois, and California at Berkeley, will present papers.

April 15 - Last day of Lectures.

Dr. R. B. MacLeod of the University of California, Berkeley, will speak at 9 a.m. in Rm. 210 of the Engineering Building. His topic has not been announced yet but it will concern psychology.

Dr. S. H. Bartley of Michigan State University will speak on "Defining the Rubrics of Psychology" at 4 p.m. in Rm. V120 of the Math-Physics Building.

Bach's St. Mathew Passion will be performed by the Music Division Chorus, the University Singers and Chamber Orchestra at All Saints' Cathedral at 7:30 p.m. Another performance will be presented April 16th. Tickets at \$2.00 are available from the Allied Arts Box Office; Rm. 211, Extension Department; and the Music Division Office.

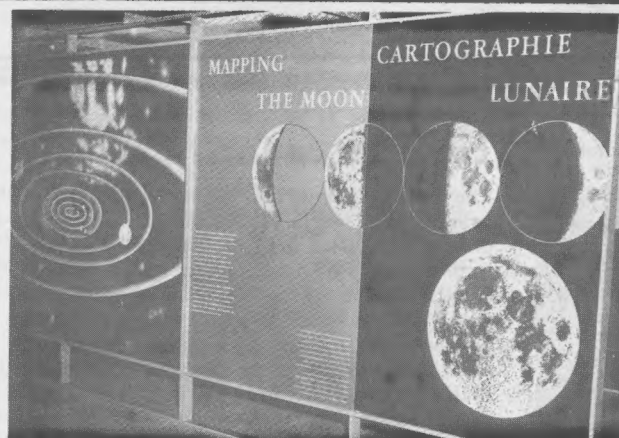
STUDIO THEATRE LOBBY: A one-man show of watercolours by Calgary artist, George Angliss, will be on view until April 10th.

## coming events

April 20 - Faculty Club Annual Meeting and Elections, 8:00 p.m.

April 23 - Faculty Club, Spring Dinner and Dance, (note change in date from April 14th.) 6:00 p.m. - 1 a.m. Tickets at 3.50 per person (which includes a sit-down dinner, wine, and dancing) are limited to 300. They are open to members only until April 14th after which guests of members may be invited. For further details call the Faculty Club, 707.

April 26 & 27 - The third annual Food Symposium sponsored by the Canadian Institute of Food Technology in cooperation with the University's department of Dairy and Food Science will be held at the N.A.I.T. It is designed for persons involved in the processing and handling of foods.



## lunar map display

The Space Age came into being with the placing of the first manned satellite into orbit around the Earth. The possibility of placing astronauts on the Moon came within the realm of realization, creating a sense of urgency for more detailed lunar studies. In the United States, a vast lunar mapping program was un-

dertaken by military and airforce agencies and by the U.S. Geographical Survey. A display of these detailed topical maps and photographs of the lunar surface organized by the Map Research Unit, Geographical Branch, of the Department of Mines and Technical Surveys, Ottawa, is currently on display on the 2nd floor lobby of the Arts Building.

Introductory panel of the planetary system, and stylized portrayal showing phases of the moon